

**PROCESS FOR REDUCING THE ELECTRICAL CONSUMPTION OF A  
TRANSMITTER/RECEIVER OF DIGITAL INFORMATION, IN  
PARTICULAR A CELLULAR MOBILE TELEPHONE, AND  
CORRESPONDING TRANSMITTER/RECEIVER**

**Abstract of the Disclosure**

The electrical consumption of a cellular  
mobile telephone is reduced by using fractional-  
division phase-locked loops receiving a frequency  
5 reference from a fairly inaccurate quartz oscillator.  
Electrical consumption is also reduced by switching the  
output of the oscillator onto the input of the  
processing stage when the transmission/reception stage  
is inactive. The fractional-division phase-locked  
10 loops can then be deactivated.